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OCT 29 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Osterrieder, Nikolaus

Serial No. : 10/772,806

Filed: February 5, 2004

ARTIFICIAL CHROMOSOMES
COMPRISING EHV SEQUENCES

Docket No. 40035

Group Art Unit No. 1648

Examiner: Blumel, Benjamin P

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO FINAL OFFICE ACTION AND AMENDMENT

In response to the Final Office Action of June 28, 2007, please amend the above-identified application as follows

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 4 of this paper.